DEPARTMENT OF THE AIR FORCE
WASHINGTON, DC

Office of the Assistant Secretary

18 AUG 2003

SAF/IEI
1665 Air Force Pentagon
Washington DC 20330-1665

The Honorable Joel Hefley
Chairman, Subcommittee on Readiness
Committee on Armed Services
House of Representatives
Washington DC 20515-6035

Dear Mr. Chairman

The Department of Air Force submits notification of the attached Operation and Maintenance (O&M) repair project that exceeds $10M. This parking ramp repair project supports the currently assigned KC-135 aircraft at Forbes Field, Kansas and is critical to their safe operation. Several studies have concluded that the replacement of the concrete ramp is the most cost effective solution for correcting the deteriorated aircraft parking ramp. This repair project will replace the aircraft parking ramp at a cost of $10.2M. Funding for this project has been identified in the FY04 Sustainment, Restoration and Modernization (SRM) budget.

A similar letter has been sent to the Ranking Minority Member of your Subcommittee.

Sincerely

FRED W. KUHN
Deputy Assistant Secretary of the Air Force
(Installations)

Attachment:
DD Form 1391, Project Number GUQE002101

1. COMPONENT	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
ANG		

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
FORBES FIELD, KANSAS	REPAIR AIRCRAFT PARKING RAMP

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST($000)
52278F	113-321	GUQE002101	$10,200

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
REPAIR AIRCRAFT PARKING RAMP	SY	136,500		8,639
REPAIR FULL DEPTH AIRCRAFT PARKING RAMP	SY	40,000	105	(4,200)
REPAIR PARTIAL DEPTH AIRCRAFT PARKING RAMP	SY	96,500	46	(4,439)
SUPPORTING FACILITIES				200
REPLACE RAMP LIGHTING	LS	1		(100)
IMPROVE WATER ENTRAPMENT	LS	1		(50)
REPAIR FUEL HYDRANTS	LS	1		(50)
SUBTOTAL				8,839
CONTINGENCY (10%)				884
TOTAL CONTRACT COST				9,723
SUPERVISION, INSPECTION AND OVERHEAD (5%)				486
TOTAL REQUEST				10,209
TOTAL REQUEST (ROUNDED)				10,200
REPAIR				(10,200)

10. Description of Proposed Construction: Repair would involve some full depth and some partial depth replacement of existing pavement, to include proper subgrade preparation and subsurface drainage control. Replace grounding points and paint ramp as required. Replace ramp lighting and associated electrical service. Improve fuel spill capabilities by creating airfield storm water retention pond.

11. REQUIREMENT: 150,000 SY ADEQUATE: 13,500 SY SUBSTANDARD: 327,920 SY

PROJECT: Repair Aircraft Parking Ramp

REQUIREMENT: The 190 ARW mission requires airfield pavement capable of safely supporting operations by KC-135 aircraft.

CURRENT SITUATION: The existing pavement was constructed in 1956-1958, and is approaching 50 years of use. The Portland Cement Concrete (PCC) pavement was repaired over 10 years ago with an Asphaltic Cement Concrete (ACC) overlay to extend the life of the pavement. The pavement is now cracked and failing, producing increasing amounts of debris which can potentially cause serious FOD damage to the aircraft. The majority of the cracks in the surface are un-sealed and water can enter the pavement structure through the open cracks and cause additional damage. The PCI ratings for these pavement features range from 58 to 16. The existing parking area configuration offers a tremendous amount of flexibility for accomodating the wide variety of military aircraft that use this airfield for various reasons. The current parking arrangement also provides optimum operational efficiency for aircraft maintenance and generation. The existing fuel hydrant layout is a tremendous asset for the refueling mission. It would be extremely costly to rebuild this fuel system in any kind of different arrangement. The existing pavement subgrade is a native tight clay soil. This soil does not drain well, so water that gets below the pavement surface stays there, continuing to cause pavement deterioration as it goes through the extreme weather cycles.

IMPACT IF NOT PROVIDED: The longer this work is delayed, the more extensive the repair will be. If water and weather continue to damage the pavement, the potential for damage to aircraft will increase. The cost of damage to aircraft engines caused by pavement debris could easily exceed the cost of necessary pavement repairs.

1. COMPONENT ANG	FY 2004 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION FORBES FIELD, KANSAS		
5. PROJECT TITLE REPAIR AIRCRAFT PARKING RAMP		7. PROJECT NUMBER GUQE002101

ADDITIONAL: This project has been generated as a result of an April 2001 airfield pavement condition survey of the airfield pavement at Forbes Field by the ANG/CE Pavement Maintenance Management Team. This project only repairs the aircraft ramp that supports the currently assigned aircraft.